BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

						Estimate Cost Rs.		10.00 Lakhs	
Name of Work:-Improvements of roads and drains at Chikkabommasandra in ward no:04 Yelahanka New Town Sub Division									
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1,Earth work excavation by manual means in ordinary soil involving an average horizontal throw up to 2 meters and an average lift uo to 1.5m,excavated surface levelled and sides neatly dresssed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (Item no19.1,Page no141, PWD SR 2015-16)	Cum							
	Desilting of drains		2	155.00	0.50	0.30	46.50		
							46.50	**83.16**	**3867.00**
	Basic Rate	77.00							
	Area Weightage @ 8%	6.16							
	Total	83.16							
2	KSRB 2-2.2 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in **hard soil** not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. specification, specification. No. KBS 2.1(b) / 2.3.5, **No. 5/ Item No. 2.4/ PWD SR 2015-16**	Cum							
			1	155.00	3.50	0.25	135.63		
	Culvert		1	6.00	1.20	1.00	7.20		
							142.83	**288.36**	**41185.00**
	Basic Rate	267.00							
	Area Weightage @ 8%	21.36							
	Total	288.36							

3	KSRB 4-1.3:Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed,machine mixed,concrete laid in layers not exeeding 15cms.thick, well compacted in foundation,including cost of all materials,labour,HOM of machinery,curing complete as per specifications.Specification no KBS4.1,4.2(Item no 4.3,Page no12,PWD SR 2015-16)	Cum							
			1	155.00	3.50	0.15	81.38		
			1	6.00	1.20	0.20	1.44		
							82.82	**5070.60**	**419922.00**
	Basic Rate	4695.00							
	Area Weightage @ 8%	375.60							
	Total	5070.60							
4	KSRB 4.2.2 : Providing and laying in position Reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.460cum with superplastesisre @ 3lts conforming etc as per specification&direction of the engineer incharge of work (pwd sr2015-16,p.no13,sno4.11)-Specification hafta be taken from PWD SR for 2015-16 item No. 4.11	Cum							
			1	155.00	3.50	0.10	54.25		
	bottom concrete		1	6.00	1.10	0.20	1.32		
	Side wall		1	6.00	0.20	0.75	0.90		
	Deck slab		1	6.00	1.20	0.20	1.44		
	For ramp		2	6.00	0.75	0.10	0.90		
							58.81	**6198.12**	**364511.00**
	Basic rate	5739.00							
	Add 8% AW	459.12							
	Total	6198.12							
5	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per specifications.Specification noKBS 4.6.3,TMT bars Fe550(pwd sr2015-16,p.no17,s.no4.46) SR	Qtl							

	100 kg / cum						**3.66**	**6980.58**	**25549.00**
	Basic rate	6463.50							
	Add 8% AW	517.08							
	Total	6980.58							
6	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, attached pilasters, bittresses,buttresses plinth and string course including cost of all materials,labour complete asperspecificationS.Specification no.KBS 4.6.2 (pwd sr2015-16, p.no15/4.31)	Sqm							
	Side walls		4	6.00		0.90	21.60		
	Deck slab		1	6.00	0.90		5.40		
	Basic rate	284.00					**27.00**	**306.72**	**8281.00**
	Add 8% AW	22.72							
	Total	306.72							
7	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.(P.No 174, I.No 22.7)	Sqm							
			1	155.00	3.50		**542.50**	**97.20**	**52731.00**
	Basic rate	90.00							
	Add 8% AW	7.20							
	Total	97.20							
8	Providing groove cutting for width of 5mm to 10mm and depth 80mm- 100 mm including cost of cutting machine, generator & HOM of machinery, including cost of blade,coolant etc., including cleaning of groove & providing sand and hot bitumen fillars, and filler metal etc., including cost of conveyance of all materials, labour, lead and lift charges and all other incidental charges as per drawing and as per specifications (P.No 175, I.No 22.8.1) Concrete pavement	Rmt							
			16	3.50			**54.25**	**124.20**	**6737.85**
	Basic rate	115.00							
	Add 8% AW	9.20							
	Total	124.20							

9	Providing and fixing Precast RCC Slabs as Per approved design, specification and Direction Engineer-in-Charge. (Approved Data Rate). Enclose data rate copy	Sqm							
			1	55.00	0.90		49.50		
							49.50	**1498.00**	**74151.00**
10	Miscellaneous charges								3065.15
								Total RS	**1000000.00**
(Rupees ten lakhs only)									

Certificate

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2014-15
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer
Ward no: 04

Assistant Executive Engineer
Yelahanka New town Sub Division
Bangalore-64

Executive Engineer
Yelahanka Division
Bangalore-64

Administrative Sanction for Rs. 10.00 Lakhs
Ten Lakhs only
is accorded under head P.1771 - 2015-16
Registered as CE No. Subject to conditions contained in enclosed memo No. EE/YNK/AA/71/15-16 2-1-16
Executive Engineer

TECHNICALLY SANCTIONED FOR Rs. 10.00L
Rupees Ten Lakhs only
Under P.1771 - 2015-16
Registered as CE ( ) No.
Subject to conditions contained in enclosed memo EE ( ) No.
Dt. EE/YNK/TS/93/15-16
Dated 2-1-16 Rs. 10.00L
Executive Engineer